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Rear window heater used as diversity antenna for car - has several heater segments with own antenna extraction decoupling circuitry used e.g. for VHF radio

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Number of Countries: 011 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3618452	A	19871203	DE 3618452	A	19860602	198749 B
WO 8707770	A	19871217	WO 87EP297	A	19870605	198751
EP 269723	A	19880608	EP 87904246	A	19870605	198823
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			EP 87904246	A	19870605	
			WO 87EP297	A	19870605	
DE 3618452	C2	19970410	DE 3618452	A	19860602	199719

Priority Applications (No Type Date): DE 3618452 A 19860602

Cited Patents: EP 197650; JP 56157138; JP 58070641; JP 60136435; 3.Jnl.Ref;
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DE 3785155 G H01Q-001/32 Based on patent EP 269723

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Abstract (Basic): DE 3618452 A

The screen heater comprises parallel conductor strips supplied via supply rails and shaped for the desired style of the application. At least two suitable connection points are selected which together with neighbouring earth points on the window surround from terminals for at least two diversity antennae. On these terminals are attached a circuit with suitable transformation and amplification properties whose output forms the antenna connection point for one of the antennae.

If need be, the supply rails are broken at set points, and in the dc feed circuits which allow dc feed and simultaneously form a loss-free high-frequency impedance to earth.

ADVANTAGE - Mean reception quality is good, with low noise.

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